Martin Jutzeler

List of Publications by Year
in descending order

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33	866	516710 16	501196 28
papers	citations	h-index	g-index

36	36	36	1123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progressive Intensification of Pacific Deep Water Circulation Since the Early Pliocene. Geophysical Research Letters, 2022, 49, .	4.0	1
2	Pumice Raft Detection Using Machine-Learning on Multispectral Satellite Imagery. Frontiers in Earth Science, 2022, 10, .	1.8	1
3	Alkalic pyroclast morphology informs on fragmentation mechanisms, Trindade Island, Brazil. Journal of Volcanology and Geothermal Research, 2022, 428, 107575.	2.1	4
4	The earliest stage of Izu rearâ€arc volcanism revealed by drilling at Site U1437, International Ocean Discovery Program Expedition 350. Island Arc, 2020, 29, e12340.	1.1	8
5	Ongoing Dispersal of the 7 August 2019 Pumice Raft From the Tonga Arc in the Southwestern Pacific Ocean. Geophysical Research Letters, 2020, 47, e1701121.	4.0	25
6	Syn-eruptive soft-sediment deformation structures in a deep submarine caldera: Havre, 2012. Marine Geology, 2020, 430, 106373.	2.1	0
7	Subaqueous effusive and explosive phases of late Deccan volcanism: evidence from Mumbai Islands, India. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	10
8	Tuffaceous Mud is a Volumetrically Important Volcaniclastic Facies of Submarine Arc Volcanism and Record of Climate Change. Geochemistry, Geophysics, Geosystems, 2018, 19, 1217-1243.	2.5	19
9	The largest deep-ocean silicic volcanic eruption of the past century. Science Advances, 2018, 4, e1701121.	10.3	80
10	Origin of spectacular fields of submarine sediment waves around volcanic islands. Earth and Planetary Science Letters, 2018, 493, 12-24.	4.4	38
11	The pumice raft-forming 2012 Havre submarine eruption was effusive. Earth and Planetary Science Letters, 2018, 489, 49-58.	4.4	45
12	The Eruption of Submarine Rhyolite Lavas and Domes in the Deep Ocean â€“ Havre 2012, Kermadec Arc. Frontiers in Earth Science, 2018, 6, .	1.8	25
13	The missing half of the subduction factory: shipboard results from the Izu rear arc, IODP Expedition 350. International Geology Review, 2017, 59, 1677-1708.	2.1	23
14	Long-term changes in explosive and effusive behaviour at andesitic arc volcanoes: Chronostratigraphy of the Centre Hills Volcano, Montserrat. Journal of Volcanology and Geothermal Research, 2017, 333-334, 15-35.	2.1	7
15	The relationship between eruptive activity, flank collapse, and sea level at volcanic islands: A longâ€term (>1 Ma) record offshore Montserrat, Lesser Antilles. Geochemistry, Geophysics, Geosystems, 2016, 17, 2591-2611.	2.5	31
16	Vesiculation and fragmentation history in a submarine scoria cone-forming eruption, an example from Nishiizu (Izu Peninsula, Japan). Bulletin of Volcanology, 2016, 78, 1.	3.0	12
17	Submarine record of volcanic island construction and collapse in the <scp>L</scp>esser <scp>A</scp>ntilles arc: First scientific drilling of submarine volcanic island landslides by <scp>IODP</scp><scp>E</scp>xpedition 340. Geochemistry, Geophysics, Geosystems, 2015, 16, 420-442.	2.5	57
18	Permeability and pressure measurements in Lesser Antilles submarine slides: Evidence for pressureâ€driven slowâ€slip failure. Journal of Geophysical Research: Solid Earth, 2015, 120, 7986-8011.	3.4	16

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19	New insights into landslide processes around volcanic islands from Remotely Operated Vehicle (ROV) observations offshore Montserrat. Geochemistry, Geophysics, Geosystems, 2015, 16, 2240-2261.	2.5	10
20	Grain-size distribution of volcaniclastic rocks 2: Characterizing grain size and hydraulic sorting. Journal of Volcanology and Geothermal Research, 2015, 301, 191-203.	2.1	11
21	Rapid onset of mafic magmatism facilitated by volcanic edifice collapse. Geophysical Research Letters, 2015, 42, 4778-4785.	4.0	24
22	Explosive destruction of a Pliocene hot lava dome underwater: Dogashima (Japan). Journal of Volcanology and Geothermal Research, 2015, 304, 75-81.	2.1	11
23	On the fate of pumice rafts formed during the 2012 Havre submarine eruption. Nature Communications, 2014, 5, 3660.	12.8	89
24	Discovery of the Largest Historic Silicic Submarine Eruption. Eos, 2014, 95, 157-159.	0.1	48
25	Submarine eruption-fed and resedimented pumice-rich facies: the Dogashima Formation (Izu Peninsula,) Tj ETQq1 1 0.784314 rgBT /Ove	3.0	16
26	Facies architecture of a continental, below-wave-base volcaniclastic basin: The Ohanapecosh Formation, Ancestral Cascades arc (Washington, USA). Bulletin of the Geological Society of America, 2014, 126, 352-376.	3.3	12
27	Late Pleistocene stratigraphy of IODP Site U1396 and compiled chronology offshore of south and south west Montserrat, Lesser Antilles. Geochemistry, Geophysics, Geosystems, 2014, 15, 3000-3020.	2.5	23
28	Coring disturbances in IODP piston cores with implications for offshore record of volcanic events and the Missoula megafloods. Geochemistry, Geophysics, Geosystems, 2014, 15, 3572-3590.	2.5	74
29	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	80
30	Grain-size distribution of volcaniclastic rocks 1: A new technique based on functional stereology. Journal of Volcanology and Geothermal Research, 2012, 239-240, 1-11.	2.1	30
31	Geophysical characterization of hydrothermal systems and intrusive bodies, El ChichÃ³n volcano (Mexico). Journal of Geophysical Research, 2011, 116, .	3.3	15
32	The incrementally zoned Miocene Ayagaures ignimbrite (Gran Canaria, Canary Islands). Journal of Volcanology and Geothermal Research, 2010, 196, 1-19.	2.1	14
33	Developing community-based scientific priorities and new drilling proposals in the southern Indian and southwestern Pacific oceans. Scientific Drilling, 0, 24, 61-70.	0.6	2